



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q66444

Kenji WATANABE, et al.

Appln. No.: 09/964,693

Group Art Unit: 1773

Confirmation No.: 2941

Examiner: Kevin R. Kruer

Filed: September 28, 2001

For: FIRE-RETARDANT ANTISTATIC VINYL CHLORIDE RESIN MOLDINGS

**NOTICE OF APPEAL**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant hereby appeals to the Board of Patent Appeals and Interferences from the final Office Action dated February 24, 2005.

A check for the statutory fee of \$500.00 is attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this sheet is enclosed.

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Date: July 25, 2005



## STATEMENT

I, Hidetaka Ota - of ARK Mori Building, 13F, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6013 Japan - hereby declare that I am conversant in both Japanese and English.

I herewith attached an English translation of paragraph [0041] of the Japanese Patent Publication No. JP 2000-30230.

Date: May 22, 2005

Hidetaka Ota

[0041]

As stated above, the surface layer, which is formed to further improve the chemical resistance as well as the corrosion resistance of the molding B, is desirably formed on both surfaces of the base layer, but may be formed only on one surface. The thickness of the base layer is preferably determined to be from 2 to 12 mm to secure practically sufficient strength, while the thickness of the surface layer is preferably set at 0.2 to 1.6 mm. When the surface layer is fabricated thinner than 0.2 mm, chemicals penetrate the surface layer to undesirably reach the base layer in spite of good initial chemical resistance and corrosion resistance. Inversely, with a surface layer thicker than 1.6 mm, the volume ratio of the surface layer relative to the total molding B increases, and correspondingly, the volume ratio of the base layer decreases thus leading to deterioration of fire retardant property. Accordingly, it becomes difficult to obtain a molding satisfying each specification of FM standard. A more preferable range for the thickness of the surface layer is 0.4 to 1.1 mm.